

**REMARKS**

By this amendment, claims 1-42 have been canceled, and new claims 43-57 have been added. Hence, claims 43-57 remain currently pending.

1. **Response to Claim Objections**

Claim 17 is objected to because of an informality. By this amendment claim 17 has been cancelled. It is thus respectfully submitted that the objection of claim 17 has been rendered moot.

2. **Response to Claim Rejections under 35 U.S.C. § 112**

Claims 6 and 17 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the applicant regards as the invention, due to insufficient antecedent basis for certain claim elements. By this amendment, claims 6 and 17 have been canceled. It is thus respectfully submitted that the instant rejection of claims 6 and 17 under 35 U.S.C. § 112 has been rendered moot.

3. **Response to Claim Rejections under 35 U.S.C. § 103**

Claims 1, 3-4, 7-8, 10, 23-25, 27-28, 31, 36 and 39-42 are rejected under 35 U.S.C. § 103 (a) as being unpatentable over U.S. Patent No. 5,465,401 (Thompson) in view of U.S. Patent No. 6,961,587 (Vilppula, et al.) and U.S. Patent No. 5,418,837 (Johansson et al.).

Claim 5 is rejected under 35 U.S.C. § 103 (a) as being unpatentable over Thompson in view of Vilppula, Johansson and U.S. Patent No. 6,296,183 (Clark).

Claim 6 is rejected under 35 U.S.C. § 103 (a) as being unpatentable over Thompson in view of Vilppula, Johansson and U.S. Patent No. 6,198,946 (Shin et al.)

Claim 9 is rejected under 35 U.S.C. § 103 (a) as being unpatentable over Thompson in view of Vilppula, Johansson and U.S. Patent No. 6,993,362 (Aberg).

Claim 29 is rejected under 35 U.S.C. § 103 (a) as being unpatentable over Thompson in view of Vilppula, Johansson and U.S. Patent No. 6,321,079 (Cooper).

Claims 11-14, 17-19, 22, 26, and 30 are rejected under 35 U.S.C. § 103 (a) as being unpatentable over Thompson in view of Vilppula, Johansson and U.S. Patent No. 5,987,325 (Tayloe).

Claims 20-21 are rejected under 35 U.S.C. § 103 (a) as being unpatentable over Thompson in view of Vilppula, Johansson, Tayloe, and U.S. Patent No. 6,405,030 (Suprunov).

By this amendment, claims 1, 3-4, 7-8, 10, 23-25, 27-28, 31, 36 and 39-42 have been cancelled, thus it is respectfully submitted that the instant rejection of these claims under 35 U.S.C. § 103 has been rendered moot.

By this amendment, new claim 43 has been added, which recites a composite wireless device having:

a shell having non-wireless hardware components, memory, and system software, wherein the system software includes an operating system, software drivers, and one or more software applications, and wherein the memory stores a service array, the service array containing a correlated list associating an identifier for each software application with respective identifiers of one or more wireless services accessed by each software application, the correlated list generated through a registration process in which each application registers for at least one wireless service; and

a cartridge removably coupled to the shell through an interface and having wireless hardware components and call-processing software to communicate with the system software and to access a wireless communication service upon coupling of said cartridge with the shell, wherein the call-processing software informs the shell which wireless service it supports and the system software of the shell determines whether the wireless service supported by the cartridge is registered with any software application through the service array.

Thus, new claim 43 essentially claims a wireless device that has a shell, cartridge and interface, wherein the cartridge includes call-processing software to communicate with the operating system software to access a supported wireless communication service upon coupling of the cartridge with the shell, where the operating system software includes a sub-routine to determine whether the application software is operable with the supported wireless communication service by receiving a wireless service identifier from the application software regarding which wireless communication service is to be used based on a

registration process that generates a correlated identifier list in a service array, and compares a wireless service identifier with an identifier provided by the call-processing software.

It is respectfully submitted, that none of the present cited references, either together or separately, teach or suggest the elements of new claim 43. That is, none of the cited references, either together or separately, teach or suggest a wireless device that has a shell, cartridge and interface, wherein the cartridge includes call-processing software to communicate with the operating system software in the shell, and where wireless services supported by applications in the shell are registered through a correlated identifier list stored in a service array. Therefore, it is respectfully submitted that claim 43, and its dependant claims 44-50 are patentable under 35 U.S.C. 103 in light of the present cited combination of references.

New claim 51 is a method claim that recites process steps similar to the apparatus elements of new claim 43. Therefore, for the reasons presented above with respect to claim 43, it is respectfully submitted that claim 51, and its dependent claims 51-57 are patentable under 35 U.S.C. 103 over the cited combinations.

4. Request for Continued Examination

Applicants herewith submit a Request for Continued Examination and associated fee under 37 CFR 1.114. A Petition for a two-month extension of time also accompanies this Amendment and Response


5. Conclusion

Applicants respectfully request that the above-described amendments be made part of the official record in the present application, and submit that support for the claim amendments and new claims is present in the specification, claims, and drawings as originally filed, and that no new matter has been added.

If there are any shortages, the Examiner is authorized to charge our Deposit Account Number 503616.

Respectfully submitted,  
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